CIS 343 {01,02} – Structure of Programming Languages

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331-5033

Office Hours
MWF   10:00 a.m. – 11:00 a.m.
M   4:00 p.m. – 5:00 p.m.

Please note I am not on campus on Tuesdays and Thursdays, though you can reach me through our class Slack channel, which I check rather compulsively via apps on my phone and laptop. This is **the best way to contact me**.

Course Description

Language definition structure. Data types and structures. Control structures and data flow. Lexical analysis and parsing. Interpretive languages. Run time considerations. Survey of programming languages. (3-0-0) Offered winter semester.

Prerequisites: Admitted to CIS Major

Objectives

After successful completion of the course, students will be able to…
1. Describe three major programming paradigms.
2. Implement a program using three programming paradigms.
3. Evaluate a programming language of their choice based on criteria given in class.
4. Examine issues in language analysis and parsing.

Text

Concepts of Programming Languages, 11 Edition by Robert Sebesta. Pearson. The book is required and used.

Policies and Procedures

This course is subject to the GVSU policies listed at http://www.gvsu.edu/coursepolicies.

Attendance

Attendance is required. Should you happen to miss a class, any assignments due on that day must have been submitted before the class. Exams cannot be made up without prior approval of the instructor (i.e. not the day of).

Valid reasons for missing a class are documented emergencies, military commitments, etc. Note that I do take attendance and use it in calculation of grades.

However, I am aware that faith is important to many individuals. I make every attempt to schedule such that exams do not take place during events listed on Grand Valley's Multifaith Calendar (http://multifaithcalendar.org/cal/index.php). If you find I have scheduled an exam on a day that conflicts with a religious observance, let me know and we will attempt to find an alternative date for you to take the exam. Assignments however, are scheduled days or weeks in advance (most are assigned at the beginning of the term), and should be turned in on the day due. If you will not be in class that day due to a religious observance I will make electronic submission of the assignment available to you for on or before that day.

Academic Honesty

Assignments are to be completed individually unless otherwise noted by the instructor. Please note that this means:

- You may talk to others about the assignments (it is encouraged).
- You should talk about the assignments in English (or other natural language), not in code
- If you talk to others about assignments I should see a note in your code regarding that. This means that if you had a conversation with your neighbor, found an article on Stack Overflow, or read something in a book, etc., that you have an obligation to note that in your code comments.

Copying someone else's code is plagiarism. This is considered academic dishonesty. Academic dishonesty can result in a '0' on assignments and a referral to our Academic Honesty Committee for further review.

Contacting Me

I am often on campus. Feel free to come by my office anytime I am here, regardless of whether it is a posted "office hour." However, **the easiest method of communicating with me is via Slack**. Second easiest is email. Unfortunately, I receive hundreds of emails a week. To ensure that I take note of your email (and that it isn't eaten by a spam filter), make sure the subject line says:

CIS 343 – Section 0[1,2]. Concerning [YOUR REASON FOR EMAILING ME]

If your email does not follow this format, it is very likely I will miss it. Once again, my email address is

woodriir@gvsu.edu

Disability Support Resources

Any student who requires accommodation because of a physical or learning disability must contact Disability Support Resources (http://www.gvsu.edu/dss) at 616-331-2490 as soon as possible. After you have documented your disability, please make an appointment or see me to discuss your specific needs.

If you have a disability and think you will need assistance evacuating this classroom and/or building in an emergency situation, please make me aware so we can develop a plan to assist you.

Projects and Homework

I expect you to follow the departmental style guide for all source code. It can be found at http://www.cis.gvsu.edu/java-coding-style-guide/

Note that it is specifically about Java coding but is relatable enough for other languages. Assignments may be turned in up to two days late, with a 10% penalty per day. **There is no credit granted for programs that do not compile.** If you have "test code" in your source code be sure to comment it out so that your code compiles. I often automate testing of your code using unit testing frameworks. If your code does not compile my testing will not work.

Grading

Homework/Quizzes/Attendance/In-class Assignments	12%
Midterm Exam	18%
Programming Assignments	40%
Term Paper	10%
Final Exam	20%
Total:	**100%**

With a grading scale of:

A	93 – 100%
A-	90–92%
B+	87-89%
B	84–86%

B-	80–82%
C+	77-79%
C	73–76%
C-	70–72%
D+	67–69%
D	60–66%
F	< 60%

Important Dates

The last day to drop this class with a W grade is **March 9th at 4:59 p.m.**   Not only is it not my job, but it is also not possible for me to drop you from this class. Therefore, if you stop coming you will receive an 'F' unless you complete the drop yourself. Final Exam times are as follows:

- Section 01: Wednesday, December 12, 2:00 pm - 3:50 pm
- Section 02: Wednesday, December 12, 10:00 am - 11:50 am

Additionally, **you must take the final exam at the scheduled time**. Due to safety regulations we cannot have more people in a classroom or lab than it is designed for. This means that classrooms are usually filled to capacity at exam times and I cannot have students trying to take an exam at a time for which they were not scheduled.